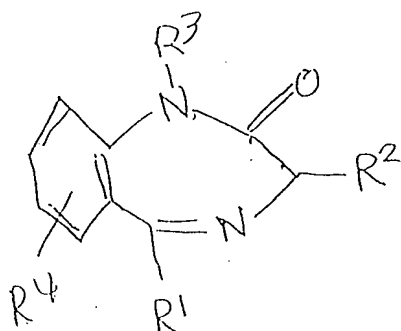
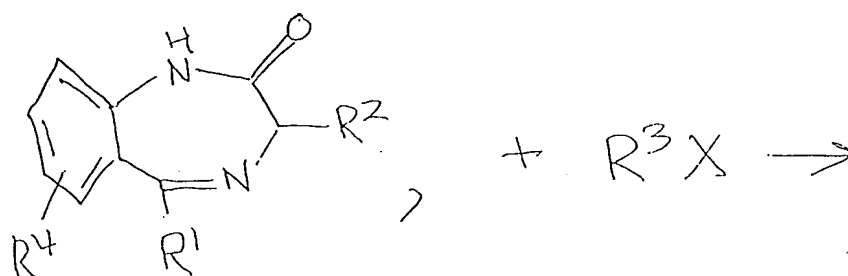
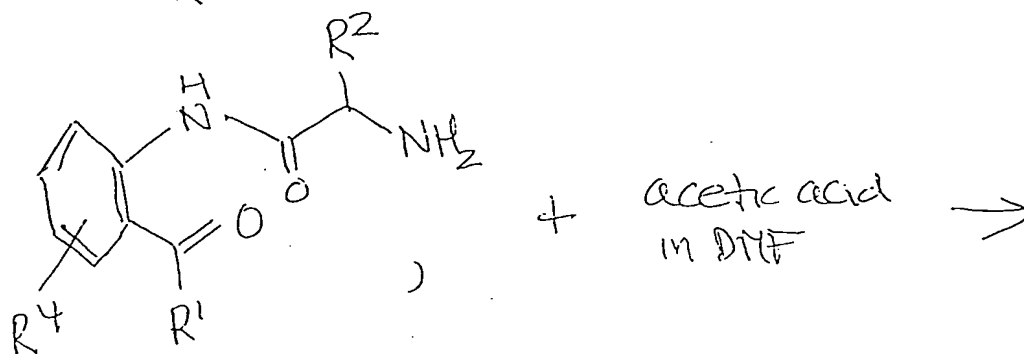
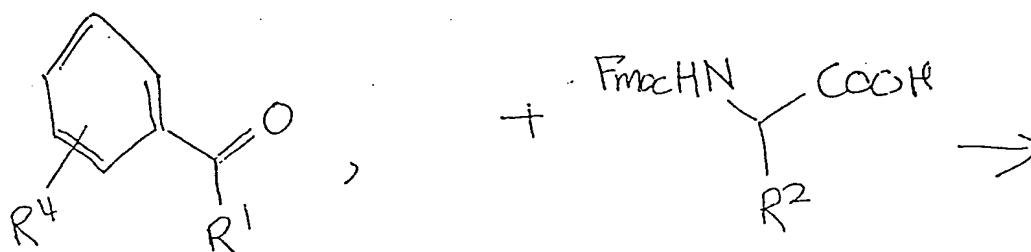
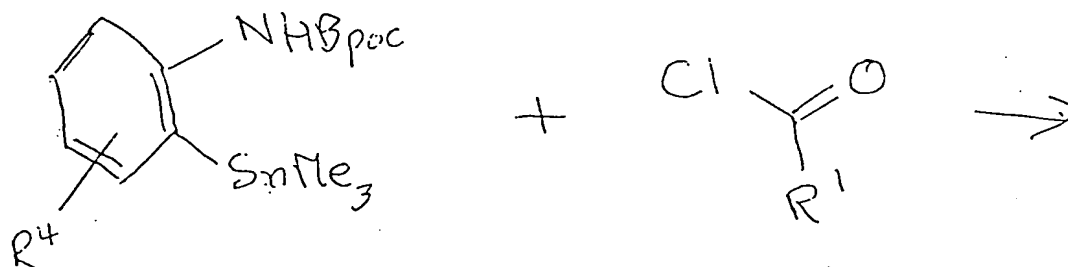


1/16

Fig. 1

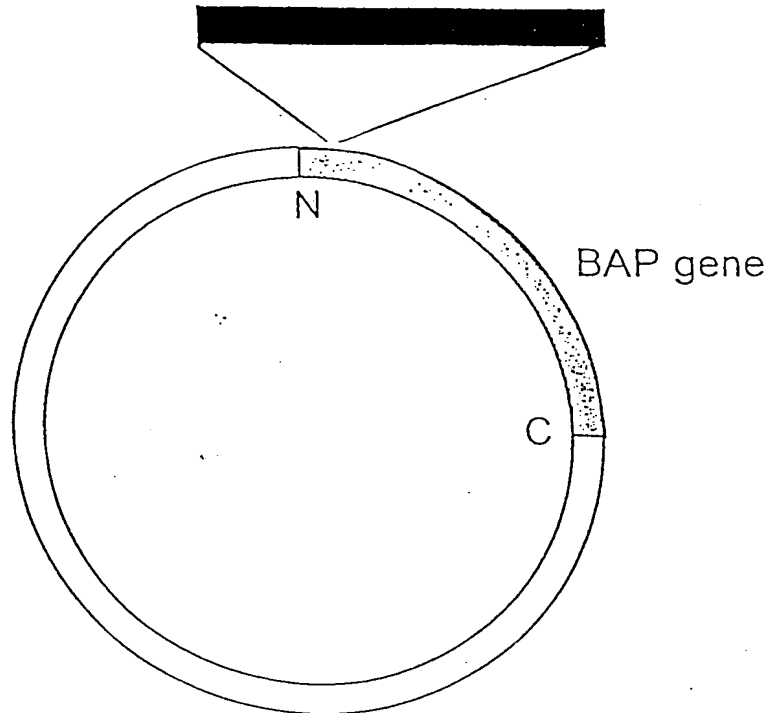


86TED 65ED5060

FLAG  
epitope

PL

2/16



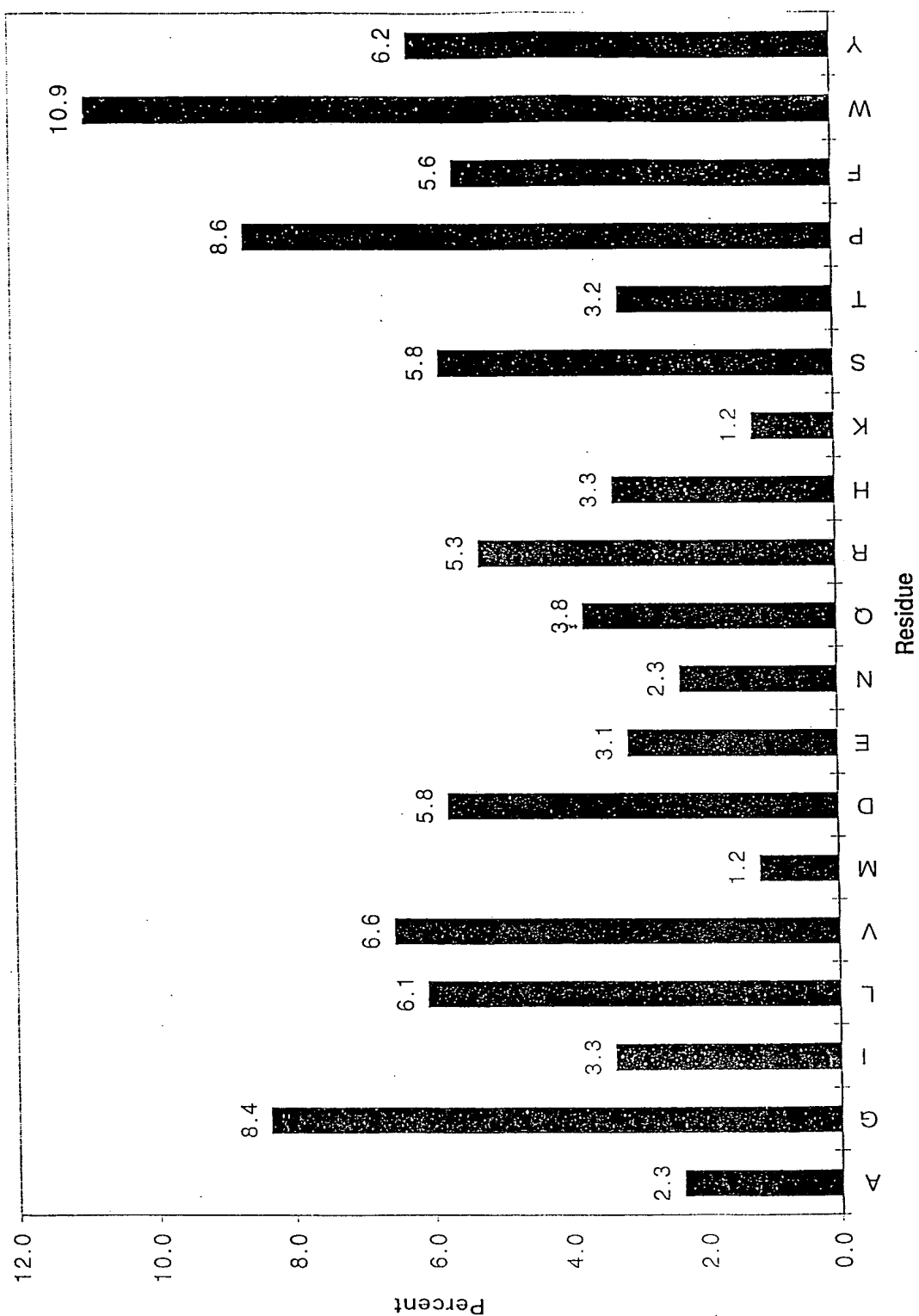
pFLAG-ATS-BAP

Fig. 2

09050359.033198  
RECEIVED

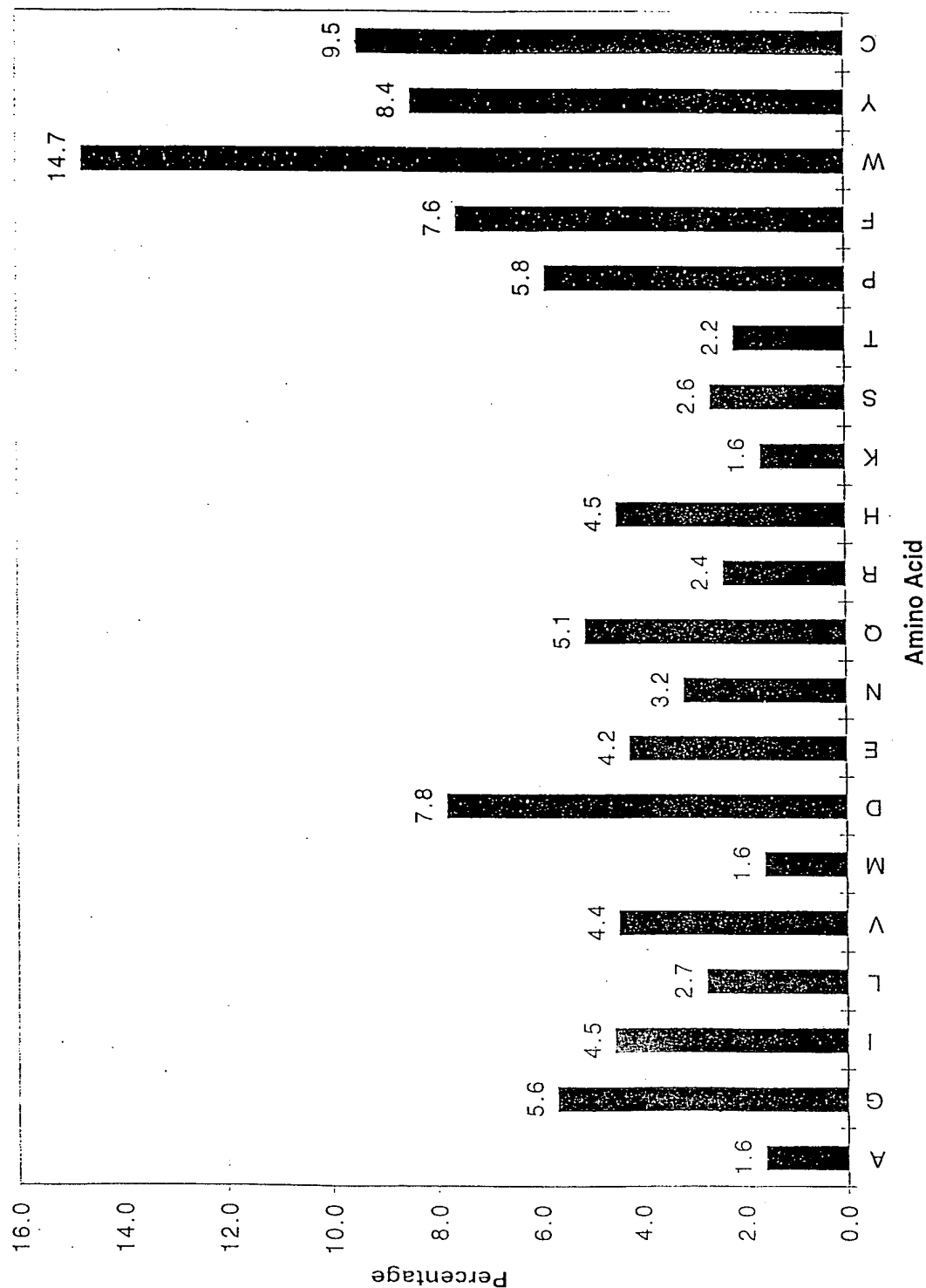
3/16

Fig.3 Occurrence of Amino Acids (AA) in Binding Peptides  
Identified by screening from Phage Display Libraries



4/16

Fig.4 Occurrence of Amino Acids (AA) in Binding Peptides  
Identified by screening from Phage Display Libraries  
(Corrected for codon usage)



5/16

# Enrichment of Phage Binding to CMV UL44

Fig. 5

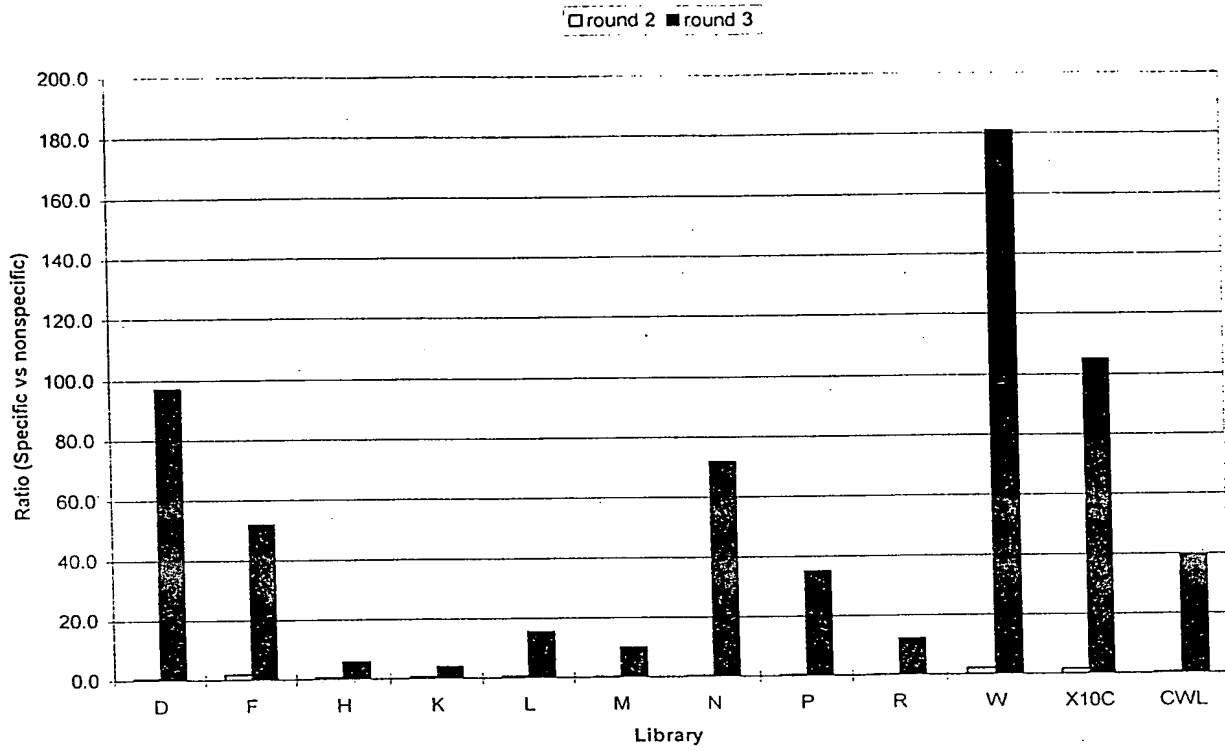


Fig. 6

## Individual Phage ELISAs for CMV UL44

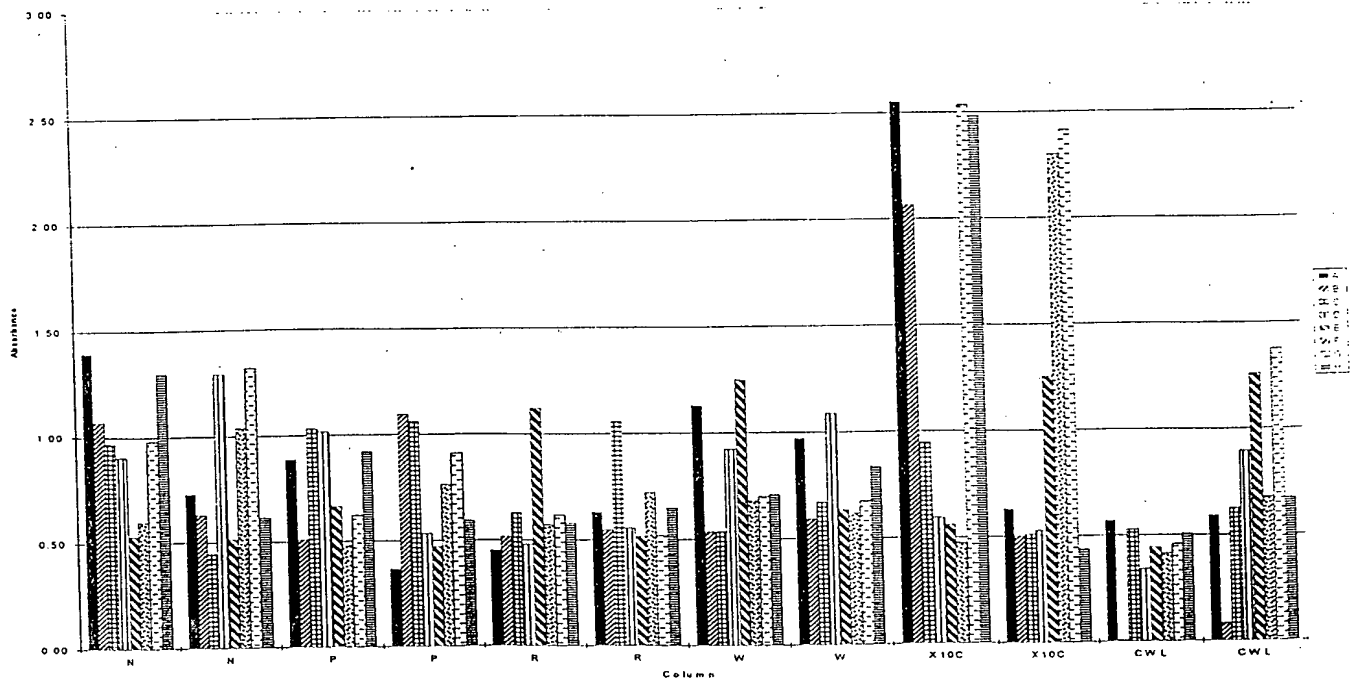


Fig. 7a

Competition for binding between phage and substrates

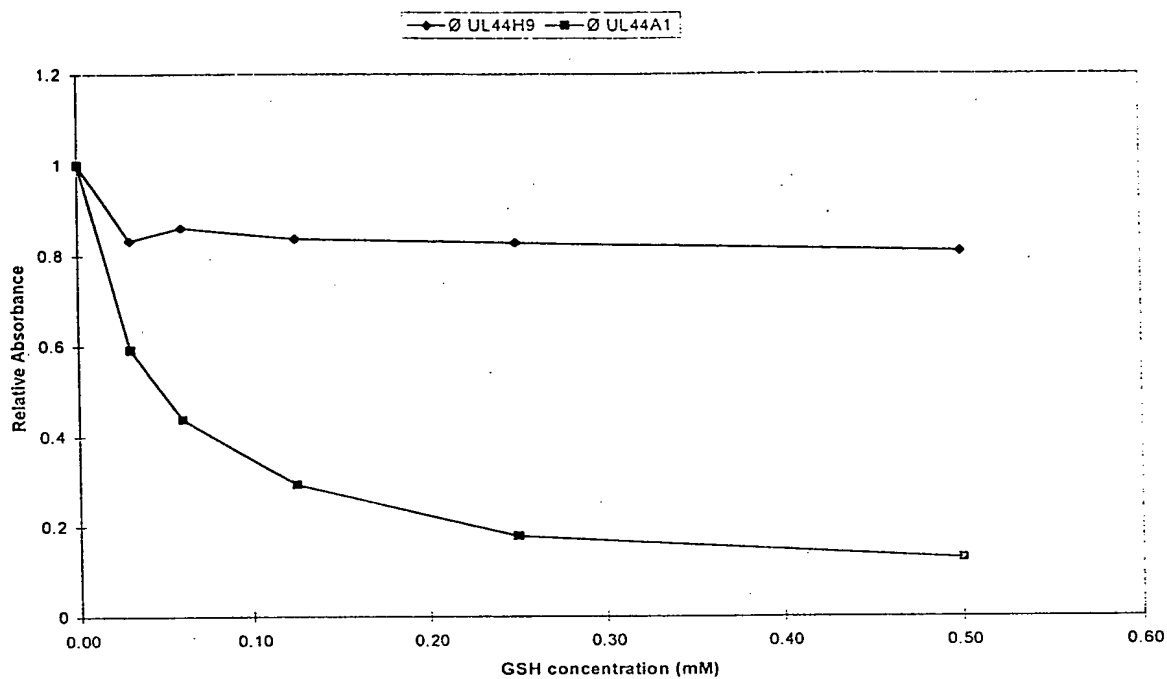
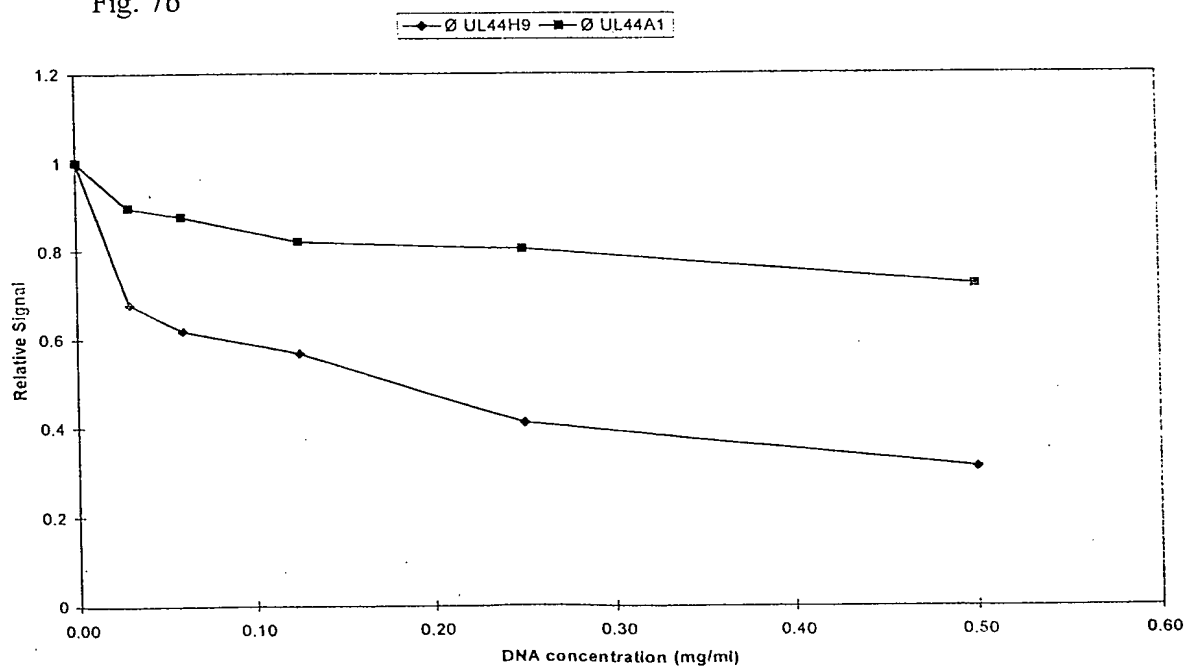


Fig. 7b



BBTEED 65E05060

7/16

Fig. 8

### ELS Assay of UL44 BioKey

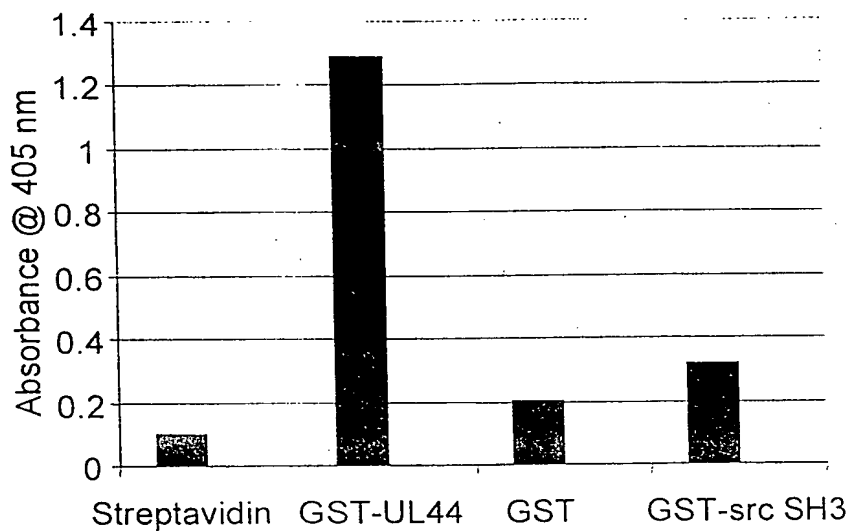
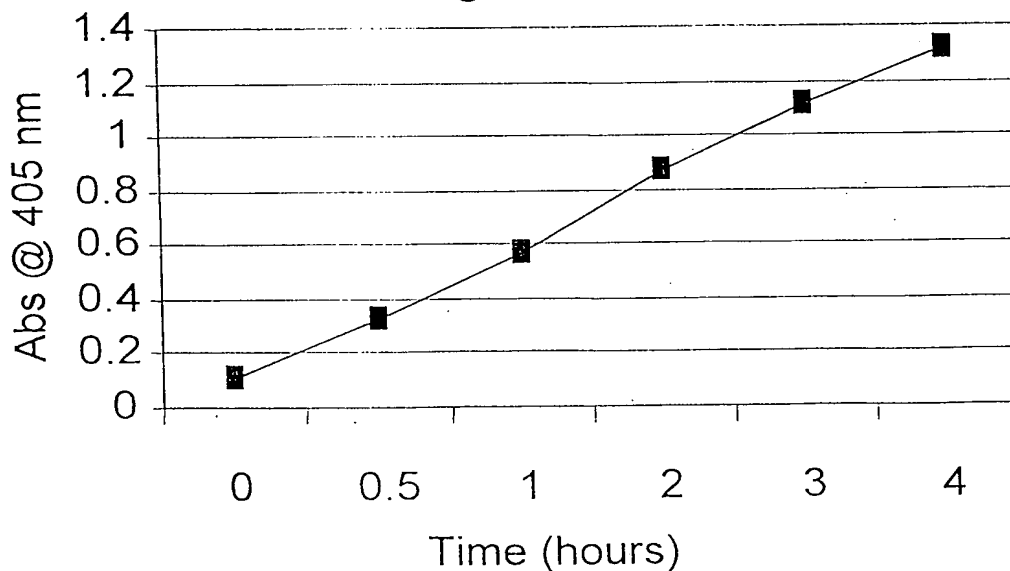


Fig. 9

### Time Course of 50 pmol UL44-BioKey Binding to GST-UL44



8/16

Fig. 10

### Titration Curves for Binding of UL44 BioKey to GST-UL44

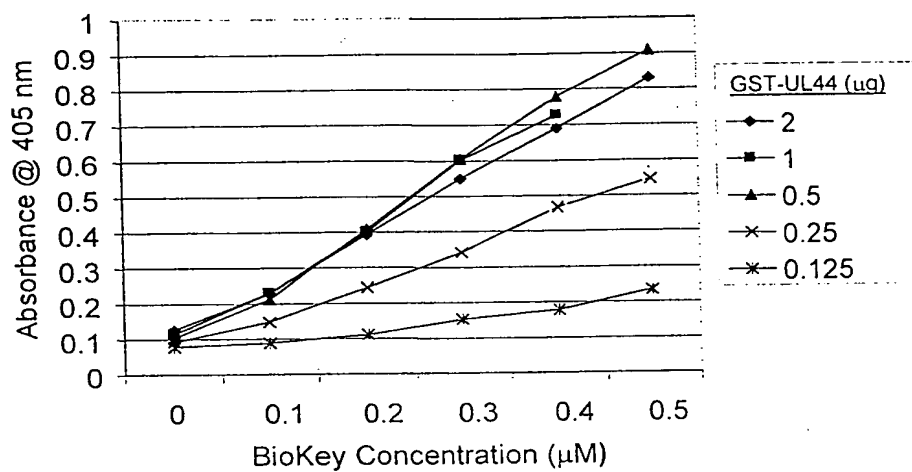
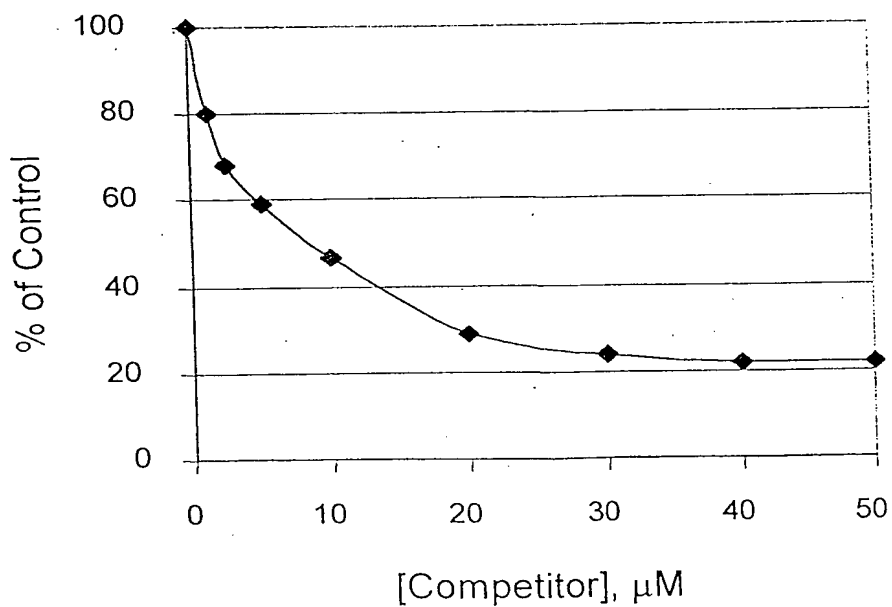


Fig. 11

### UL44 BioKey: Self Competition

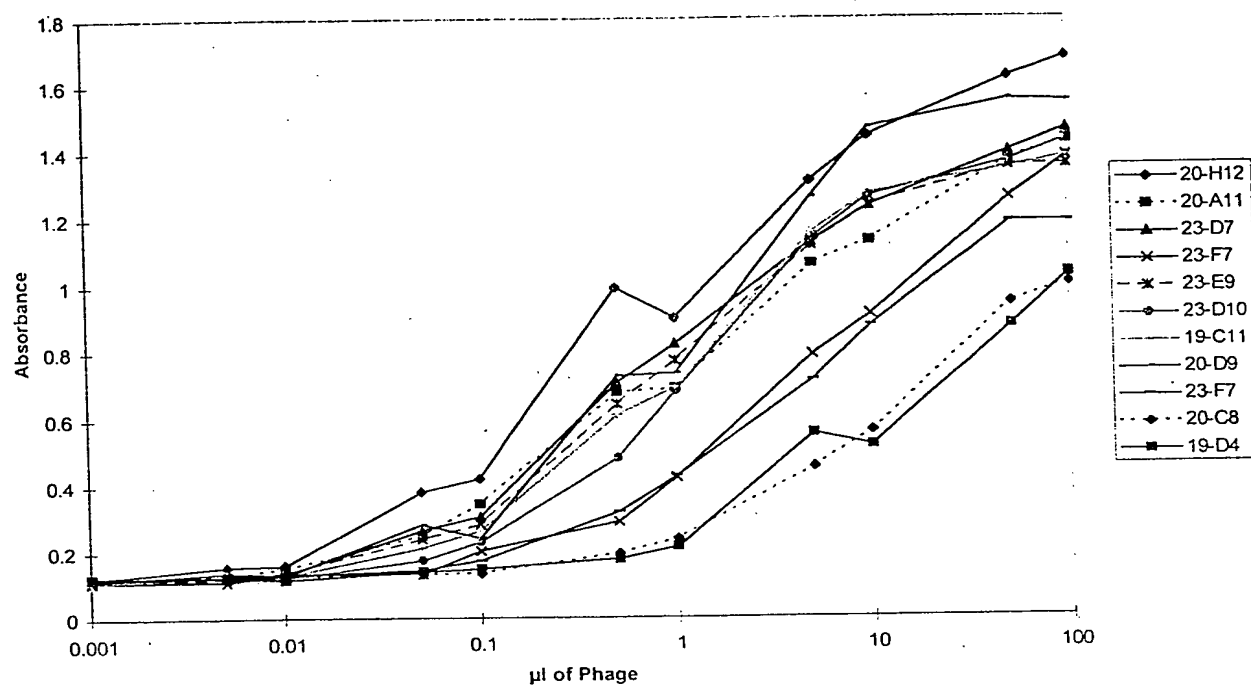




9/16

Fig. 12

Titration of PKC Binding Phage



10/16

Fig. 13a

### Specific Binding of the ProRS BioKey

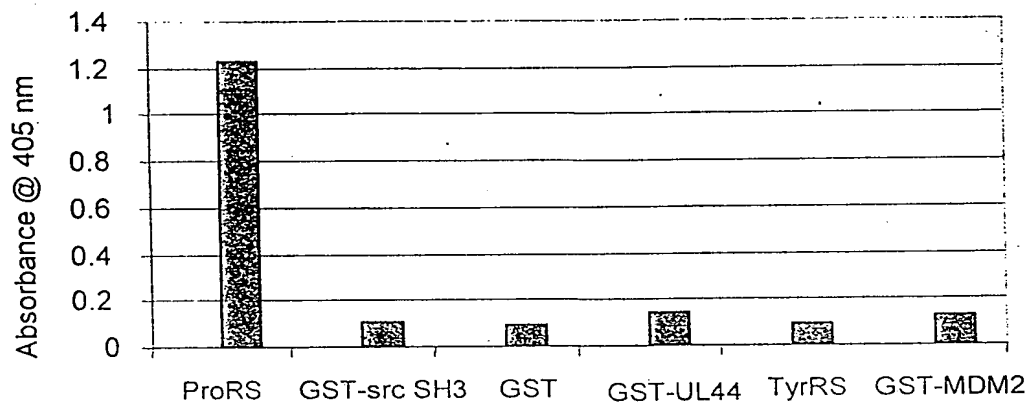
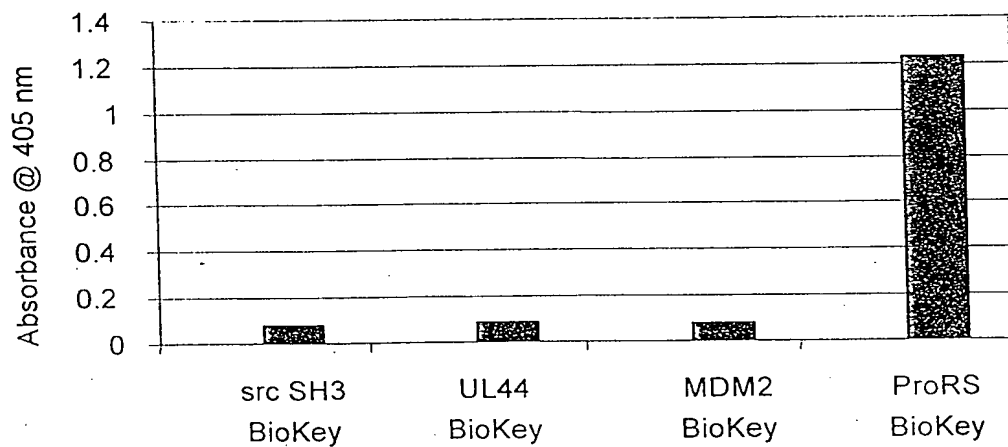


Fig. 13b

### BioKeys to Other Targets do not Bind to ProRS



All incubations: 50 pmol BioKey for 2 hours, 5 min development

11/16

Fig. 14a Self Competition for ProRS BioKey  
5 min development

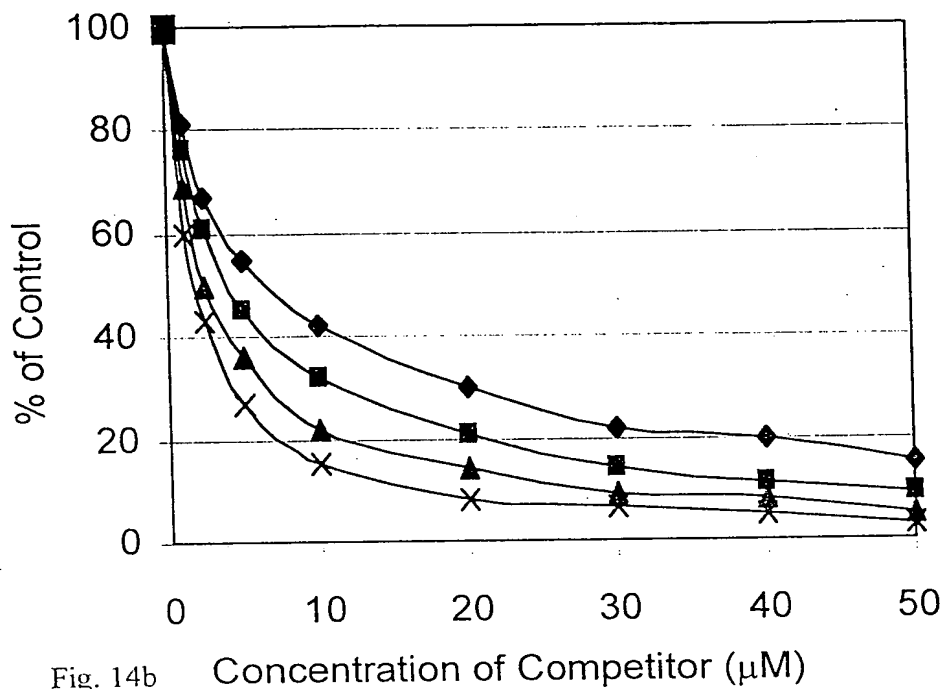
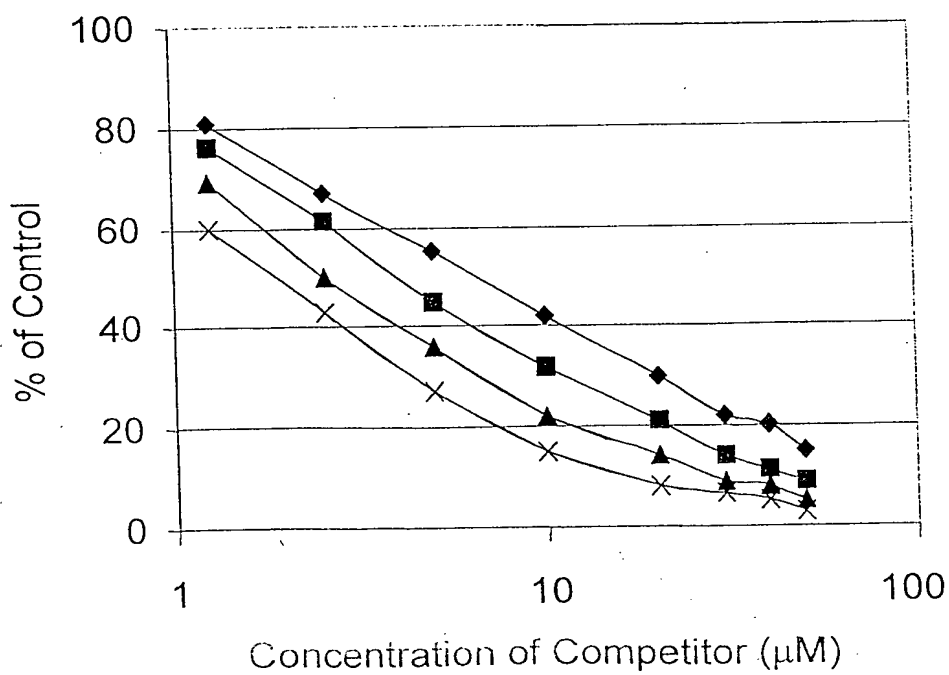


Fig. 14b



12/16

Fig. 15a

ProRS BioKey Concentration Curve  
2 h incubation, 5 min. development

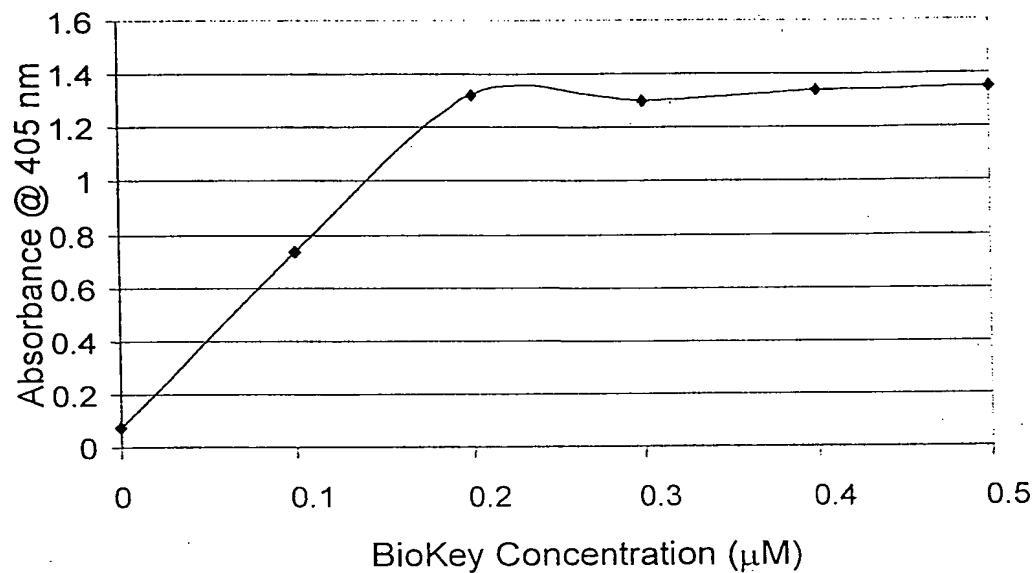


Fig. 15b

ProRS BioKey Binding Time Course  
0.5  $\mu\text{M}$  BioKey, 5 min. development

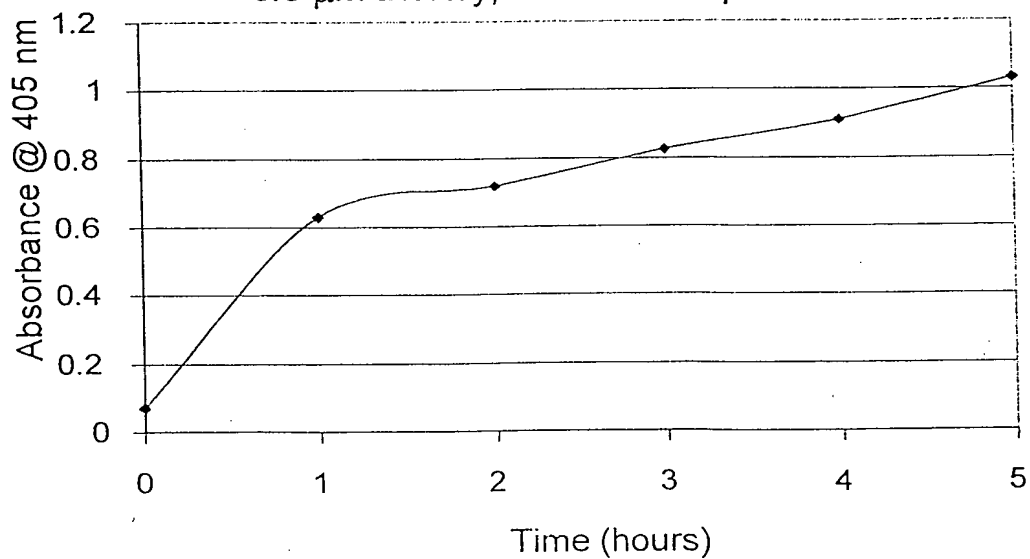


Fig. 16

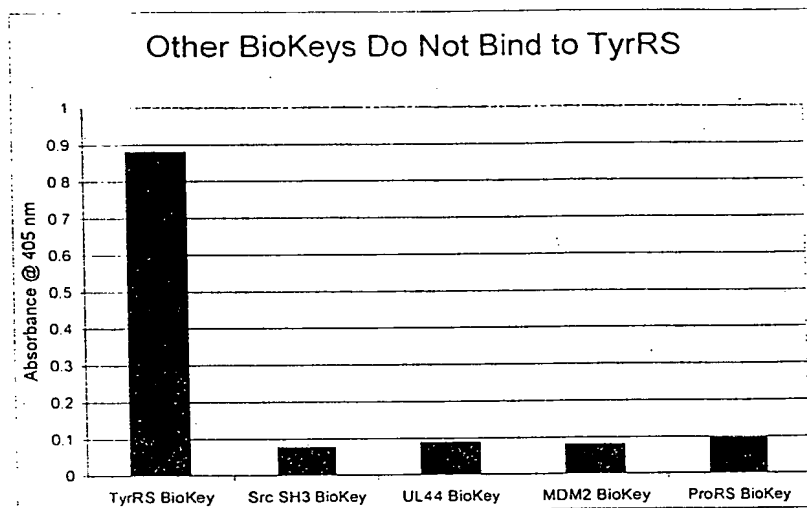


Fig. 17

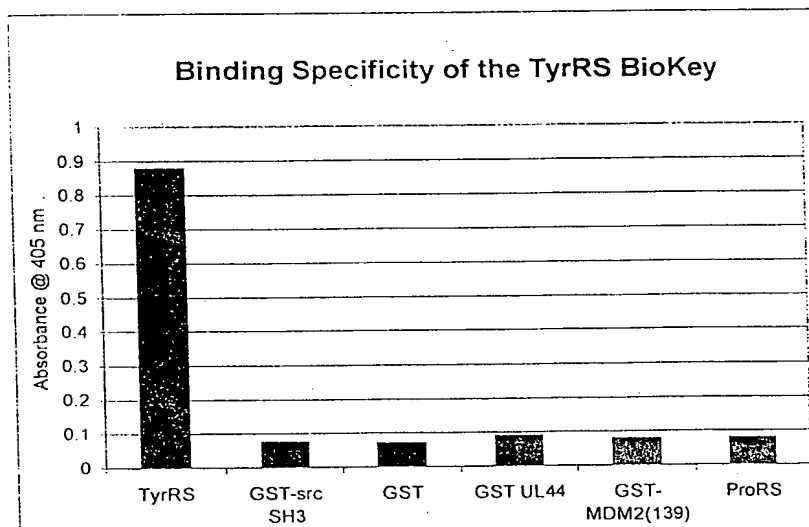


Fig. 18

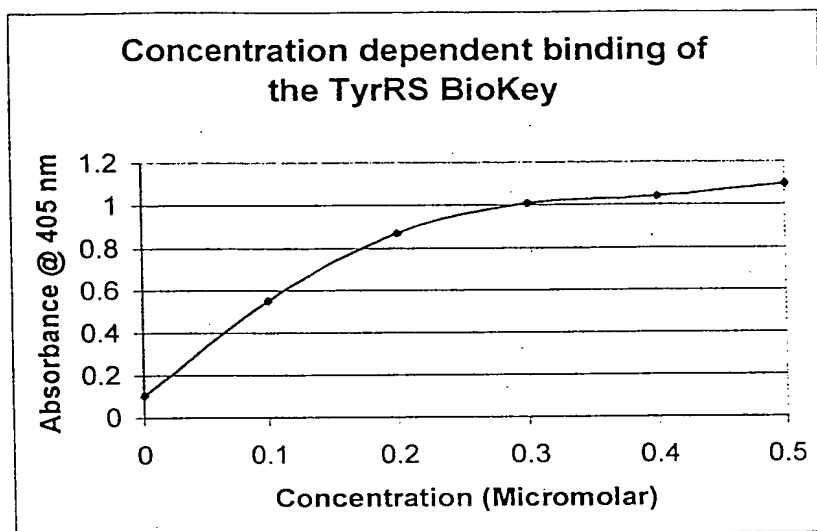
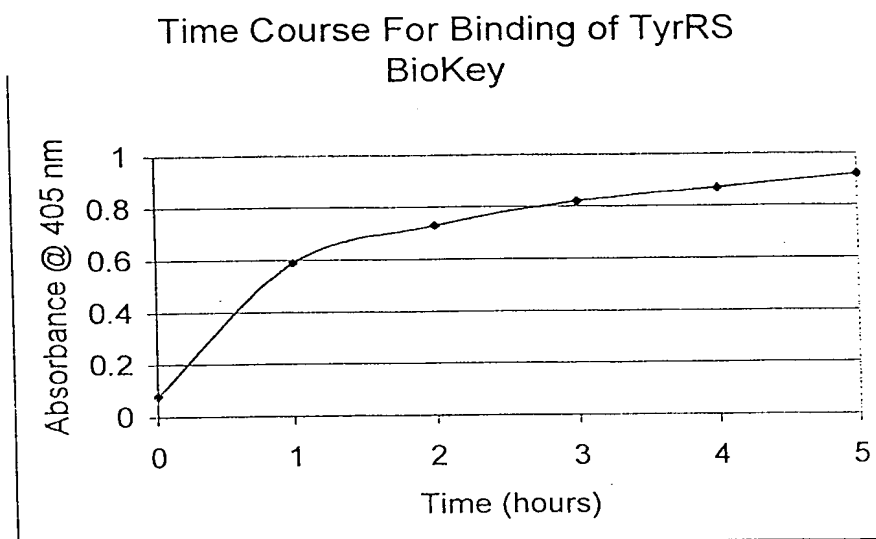


Fig. 19



15/16

Fig. 20

Competition between HiTryRS BioKey and CB239 and CB16914

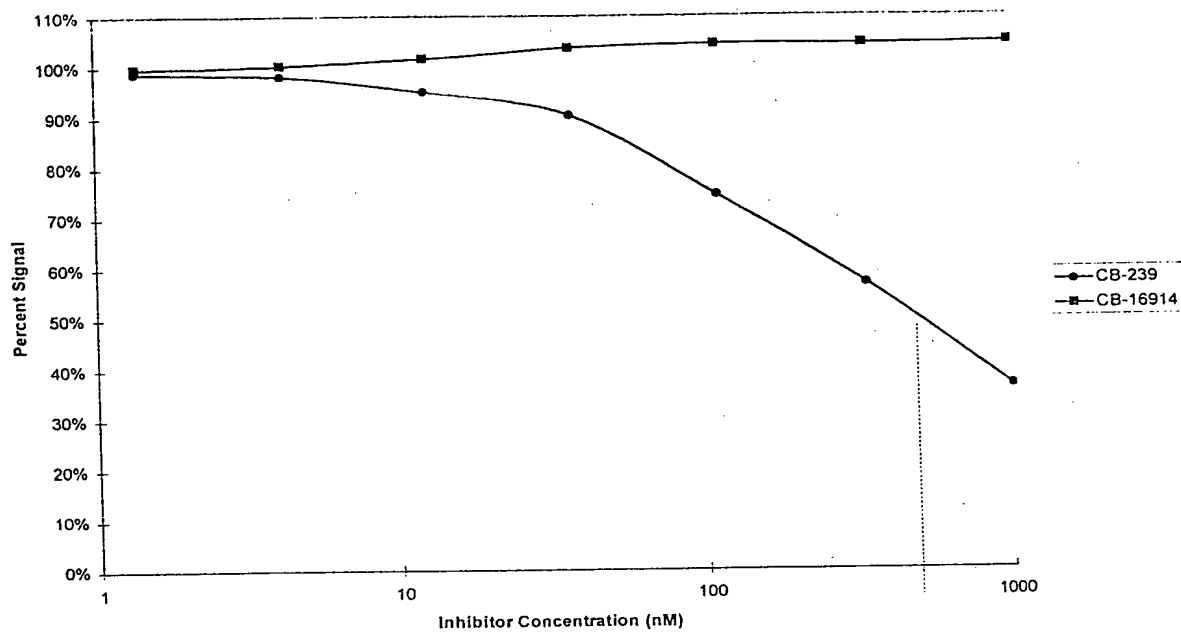
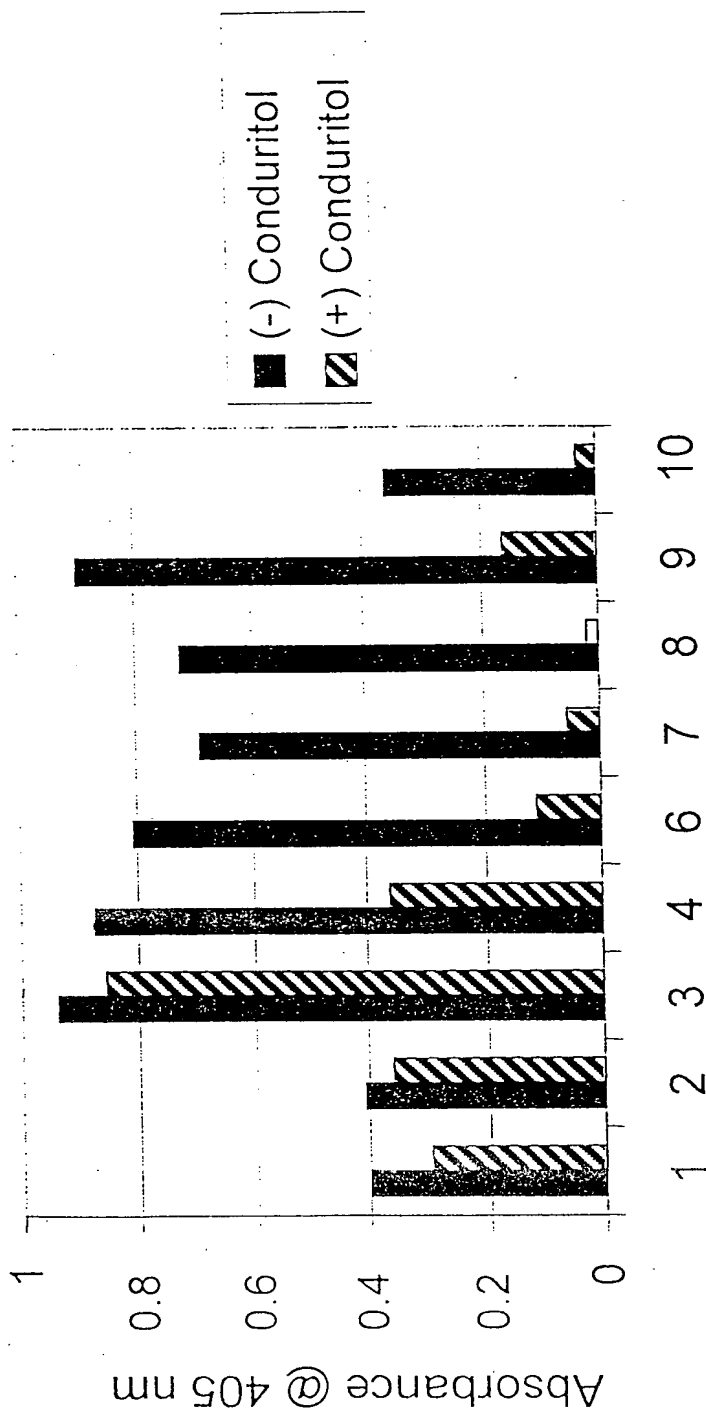


Fig. 21

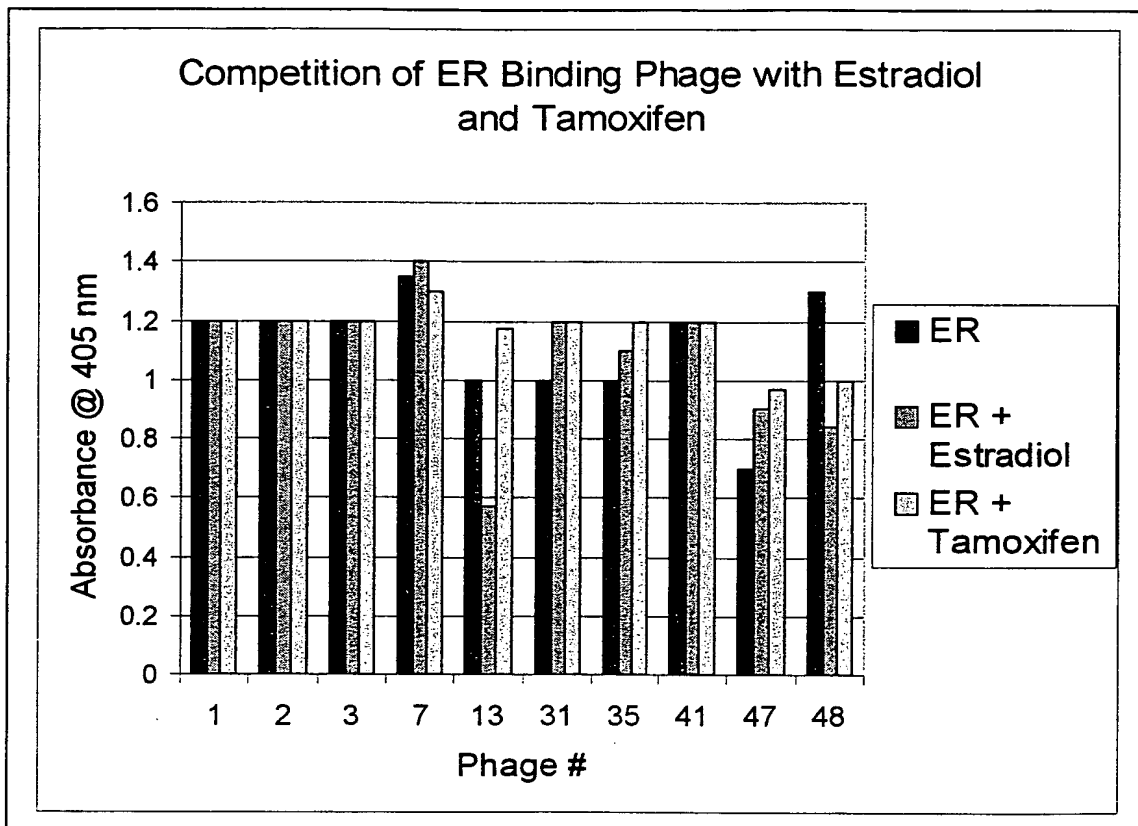
# Inhibition of B-Glucosidase Phage ELISA with Conduritol B Epoxide



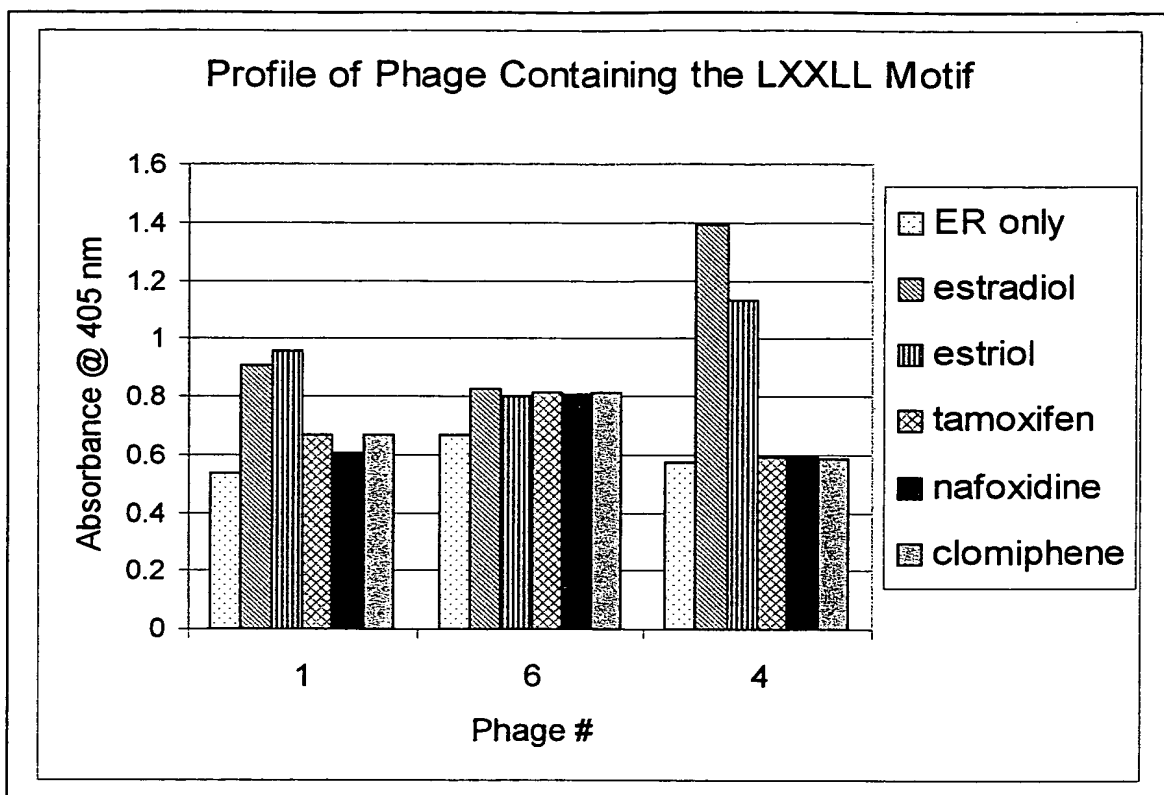


## Estrogen Receptor Structural and Functional Domains





24A



24B

